

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

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|---|---|--|---|
| Applicant's or agent's file reference 4672-697 | FOR FURTHER ACTION | | see Form PCT/ISA/220 as well as, where applicable, item 5 below. |
| International application No. PCT/US 08/75980 | International filing date (<i>day/month/year</i>) 11 September 2008 (11.09.2008) | (Earliest) Priority Date (<i>day/month/year</i>) 13 September 2007 (13.09.2007) | |
| Applicant CHICAGO MERCANTILE EXCHANGE, INC. | | | |

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

☐ It is also accompanied by a copy of each prior art document cited in this report.

I. Basis of the report

a. With regard to the language, the international search was carried out on the basis of:

- ☒ the international application in the language in which it was filed.
☐ a translation of the international application into _____ which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).

b. ☐ This international search report has been established taking into account the rectification of an obvious mistake authorized by or notified to this Authority under Rule 91 (Rule 43.6bis(a)).

c. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (see Box No. II).

3. ☐ Unity of invention is lacking (see Box No. III).

4. With regard to the title,

- ☒ the text is approved as submitted by the applicant.
☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

- ☐ the text is approved as submitted by the applicant.
☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

- a. the figure of the drawings to be published with the abstract is Figure No. 3
☐ as suggested by the applicant.
☐ as selected by this Authority, because the applicant failed to suggest a figure.
☒ as selected by this Authority, because this figure better characterizes the invention.
- b. ☐ none of the figures is to be published with the abstract.

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International application No.

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Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

A system mitigates the effects of a market spike caused by the triggering and election of conditional orders in an automated matching system. When an order is executed beyond a predetermined price threshold, an instrument may be flagged, allowing matching to take place only at or within the predetermined price threshold. Orders within the price threshold are matched at the price threshold against orders beyond the price threshold, in order to the price spike. The system may adjust the price threshold when market appropriate, allowing the order flow to bring the market back to whatever is the true price level. The system mitigates price fluctuations that are purely conditional order cascade driven, but allows the market to continuously trade in controlled price and time intervals to ensure that a true market move can still occur and not have price control mechanisms hinder trade matching and true price discovery.

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International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - G06Q 40/00 (2008.04)

USPC - 705/36R

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

USPC - 705/36R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
USPC - 705/35, 37

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

PubWEST(USPT,PGPB,EPAB,JPAB); Google Scholar

Search Terms Used: vary, change, adjust, price, match, order, priority, rank, score, stop, loss

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|---|-----------------------|
| X | US 2005/0108141 A1 (Farrell et al.) 19 May 2005 (19.05.2005) entire document, especially para [0029], [0031], [0041], [0046], [0047], [0060]. | 1-18 |

☐ Further documents are listed in the continuation of Box C.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

11 November 2008 (11.11.2008)

Date of mailing of the international search report

21 NOV 2008

Name and mailing address of the ISA/US

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